

TABLE 1. Ridge Statistics

Radar System	Number of Ridges	Total Ridge Length, km	Average Ridge Length, km
Venera	1265	20,124	15.91
Arecibo	1041	16,268	15.63

by the viewing geometry. We suggest that this is due to the fact that the ridges have a measurable width and are too large to be affected by look direction bias.

Linear discontinuities. The second type of feature mapped are individual linear discontinuities (Figure 5) which disrupt the structural trends defined by the ridges and troughs. Their distribution is shown in Figure 6. They are most often recognized by the termination of ridges against them, and they sometimes intersect and cross one another. These lineaments are always less than 5 km wide and can be 100 km in length or

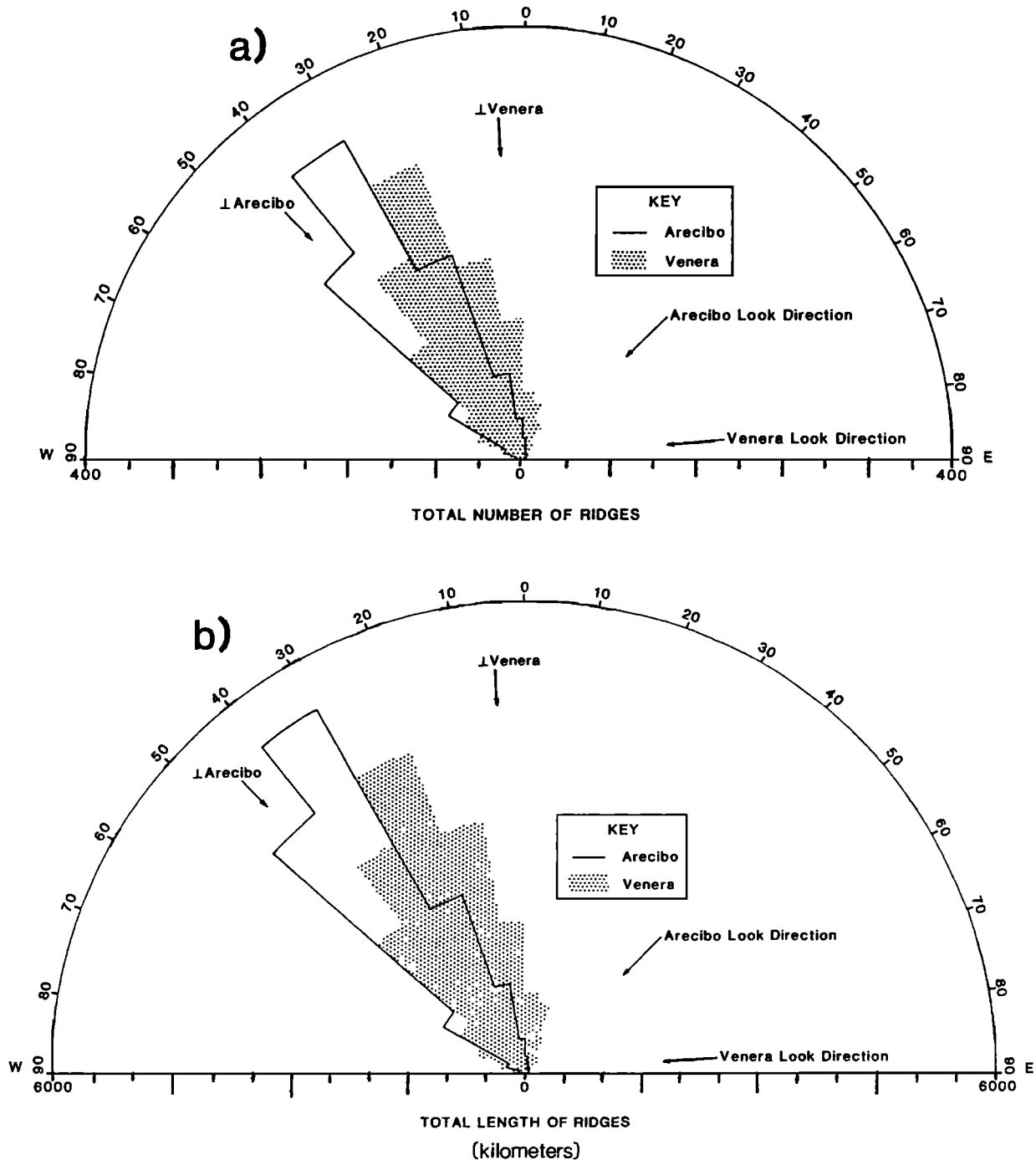


Fig. 4. Rose diagrams of Arecibo (outlined) and Venera (stippled) ridges. Bin size is 10°. (a) Total number of ridges. (b) Total length of ridges. Note look directions.